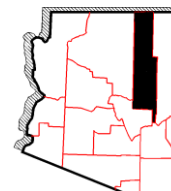




NAVAJO COUNTY
ENVIRONMENTAL RESOURCES AGENCY

P.O. Box 668/ 100 East Code Talkers Dr
Holbrook, Arizona 86025
(928) 532-6040 FAX (928)532-6044



**PROVISIONAL VERIFICATION
OF GENERAL PERMIT CONFORMANCE FOR AN
ON-SITE WASTEWATER TREATMENT FACILITY**

NCERA PERMIT NO:	PARCEL NO:	LATITUDE: LONGITUDE:
PROJECT NAME: Residence		
PROJECT ADDRESS:		
APPLICANT:		
APPLICANTS ADDRESS:		
PROJECT DESCRIPTION: Install an Alternative On-Site Septic System utilizing General Permit 4.15- Aerobic System, General Permit 4.20- Disinfection Devices, and General Permit 4.22- Subsurface Drip Irrigation.		
PERMITTED DESIGN FLOW:		
CHARACTERISTICS OF WASTEWATER SOURCES: Residential domestic waste.		
DESIGN DOCUMENTS APPROVED FOR CONSTRUCTION: Notice of Intent to Discharge Engineered Design Plans xxxxxxxx, xxxxxxx PE., AZ # List of equipments and materials Operation and Maintenance Plan (Draft)	DATED:	

In accordance with Arizona Administrative Code Title 18, Chapter 9, Article 3, the permittee is granted a Provisional Verification of General Permit Conformance for the specified project name. The permittee has two years from the approval date of this document to complete construction and submit the applicable verification documents specified in A.A.C. R18-9-A309(C). Construction shall conform with the record documents.

Reviewed By:
Navajo County Environmental Resources Agency

By: _____
Authorized Manager Approval Date

Permit Fee: \$
Payment Received Date: _____
_____ Applicant or Authorized Agent Signature

cc: Alternative On-Site Wastewater Facilities File (APN)
Project Engineer Designer:
Property Owner:

1. Construction shall be in accordance with a) all provisions of this certificate, and b) plans and specifications stamped "APPROVED" by Navajo County Environmental Resources Agency (NCERA), which are dated and signed by the authorized NCERA staff.
2. The **Project Owner** shall retain the services of a professional engineer before construction commences to provide a detailed construction inspection schedule of this project. The **Project Owner** or the **Retained Professional Engineer** shall provide notification as follows to the County before construction begins:
 - A. The notification shall be in writing and shall include:
 1. Purpose of notification ("Commencement of Construction")
 2. Project Name
 3. NCERA Permit Number
 4. Project Address / Location
 5. Date construction scheduled to begin
 6. Name of Contractor and Contractor's Arizona License Number
 7. Name and Arizona registration number of professional engineer providing construction inspection, supervision, and certification ("Retained Professional Engineer")
 - B. Notification shall be made to:
 1. Navajo County Environmental Resources Agency
100 East Carter Drive
Post Office Box 668
Holbrook, Arizona 86025
3. Verification to discharge may take up to two (2) years to complete construction from the signed approval date (see signature block).
4. Upon completion of construction, the Retained Professional Engineer (see Provision No. 2) shall fill out **NCERA Form 485 Certificate of Completion** (attached), and forward it to the NCERA address provided in Provision No. 2. The following shall accompany the Certificate of Completion as a single package:
 - A. Signed and sealed "As-Built" Plans,
 - B. construction test data, including all components leakage testing and squirt test results,
 - C. the final draft Operation & Maintenance Manual for the on-site wastewater treatment facility,
 - D. the notarized Owner's Operation and Maintenance Manual Affidavit, and
 - E. other documentation over an Engineer's seal that demonstrates satisfaction of each provision of this Provisional Verification.

Changes shown in the "As-Built" plans shall be conspicuously identified by "clouding" or other effective identification method. **Upon receipt of these materials, the NCERA staff will review the file and, if in order, issue a Verification to Discharge (NCERA Form 490).**

5. The Project Owner shall not begin operation of the newly constructed facility until a Verification to Discharge is issued by the Agency.
6. The approved wastewater treatment facility shall not serve more sewage flow than is depicted for the designed system.
7. Filter backwash and drip-distribution system back-flush shall not be directly discharged to the disposal area or to other land surfaces. It shall always be returned to the pumping chamber (or removed by an approved hauler).
8. The overall wastewater treatment facility shall be properly operated and maintained in accordance with the approved Operational & Maintenance Manual.

9. If the approved system fails or is found unsuitable for the site condition, the Project owner shall make all necessary repairs within 30 days of the discovery of the failure, or replace the system with an appropriate system. The determination of failure shall include, but not be limited to:
- A. any malfunction which impairs treatment,
 - B. improper maintenance or tempering with the approved system,
 - C. deterioration of any containment component (sewer or distribution line, tank, pump, valve compartment, liner, cavity, diversion ditch, wall or berm) or appurtenance which causes an unauthorized discharge,
 - D. effluent "day-lighting" from the drip system disposal area,
 - E. unnatural soil saturation in or near the disposal area,
 - F. system performance beyond the design limits established by the approved plans and specifications, or
 - G. exceedance of any limit or provision of Arizona Administrative Code R18-9-E304.

Except during periods of precipitation or snow-melt or when the Project Owner can prove to the satisfaction of the NCERA, any unapproved discharge emanating from the area of the wastewater system or standing water or abnormal soil saturation within 20 feet from the disposal area or any other wastewater system component shall be considered to be an unauthorized discharge of sewage effluent.

10. The final draft Operations & Maintenance Manual for the Overall Wastewater Treatment Facility, shall be submitted with the Engineer's Certificate of Completion per Provision No. 4 and shall specify:
- A. Instructions for operation and maintenance of the overall sewage collection, treatment and disposal system shall be clearly presented, indication of modes of failure, and specific remedies and actions to be taken by the Project owner for each failure mode.
 - B. Instructions for the inspection of the disposal area for evidence of effluent day-lighting or unnatural soil saturation.
 - C. Instructions for records management.
 - D. An Owner's Affidavit for the Operations & Maintenance Manual for the Overall "As-Built" system (treatment and disposal components) shall also be submitted with Engineer's Certificate of Completion to confirm the Project Owner's familiarity with the completed construction.
11. The Project Owner is responsible for all expenses, information submittals and deadlines for the inspection and reporting described herein. At least once annually, a Third Party Inspection shall be performed. The Annual Report shall fully describe the results of the inspection, and the utilization, performance (including the type and duration of any failure), and maintenance performed on the overall wastewater treatment and disposal system during the report period. The first Annual Report shall cover the one (1) year period following date of issuance of the **VERIFICATION OF DISCHARGE**. Thereafter, each Annual Report shall cover the next one (1) year period. Inspection and reporting shall be performed by an Arizona Registered Professional Engineer, Registered Sanitarian, or Grade 2 (or higher) Certified Wastewater Treatment Operator. The Annual Report and a check payable to the "Navajo County Environmental Resources Agency" in the amount of \$70.00 shall be submitted on NCERA Approved forms to the Agency within 30 days after the end of the report period.
12. The Project Owner shall abandon the on-site wastewater treatment facility and connect to a community sewer when the latter becomes available.
13. The Project Owner and each subsequent owner shall sign **NECRA form 485** along with notifying each buyer about all operation, maintenance, inspection and reporting requirements and all other terms and conditions of this Provisional Verification to Discharge and, when issued, the VERIFICATION TO DISCHARGE.

14. **NECRA** requires the following inspections:
 - A. Open trench
 1. Tank in place along with appropriate trenches.
 - B. 2nd inspection
 1. All components to system in place.
 - C. 3rd inspection
 1. Complete operation of system including squirt test if necessary.
15. Prior to the issuance of the Verification to Discharge, the Retained Professional Engineer shall submit a narrative and description of the designed wastewater facility in accordance with R18-9(B)(3)(F). The narrative shall include a detailed description of the operation and components of the system including but not limited to the filters, the subsurface disposal system.
16. Prior to the issuance of the Verification to Discharge, the retained professional shall provide a construction schedule of all work to be performed to install the entire system